



PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 2271-72196	Serial No. 10/824,227
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants: Noboru SASA et al.	
				Filing Date: April 14, 2004	
Group Art Unit:					
U.S. PATENT DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class
		Subclass	Filing Date if Appropriate		
↓		5 6 7 7 0 2 5	10/14/97	Tomura et al.	
		5 7 8 5 8 2 8	7/28/98	Yamada et al.	
		5 8 6 3 7 0 3	1/26/99	Tomura et al.	
		5 8 8 2 4 9 3	3/16/99	Iwasaki et al.	
		5 9 3 9 1 6 3	8/17/99	Ueno et al.	
		5 9 9 8 0 9 3	12/7/99	Tomura et al.	
		6 0 5 7 0 2 0	5/2/00	Ueno et al.	
FOREIGN PATENT DOCUMENTS					
		Document Number	Date	Country	Class
		Subclass	Translation		
			Yes	No	
↓		0 7 3 0 4 2 5 8	11/21/95	Japan	
		0 8 0 8 3 4 3 9	3/26/96	Japan	
		2 5 0 6 3 7 4	4/2/96	Japan	
		0 8 1 3 8 2 4 5	5/31/96	Japan	
		0 8 2 9 7 8 3 8	11/12/96	Japan	
		2 5 9 1 9 3 9	12/19/96	Japan	
		2 5 9 1 9 4 0	12/19/96	Japan	
		2 5 9 1 9 4 1	12/19/96	Japan	
		0 9 1 9 8 7 1 4	7/31/97	Japan	
		0 9 2 6 5 6 6 0	10/7/97	Japan	
		1 0 1 2 4 9 2 6	5/15/98	Japan	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
EXAMINER <i>29. Mulvaney</i>		DATE CONSIDERED <i>3-18-05</i>			
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U.S. PATENT DOCUMENTS									
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate			
<i>Jim</i> ↓ V	6 1 2 7 0 1 6	10/3/00	Yamada et al.						
	6 1 9 7 4 7 7	3/6/01	Satoh et al.						
	6 2 2 5 0 2 2	5/1/01	Tomura et al.						
	6 2 8 0 6 8 4	8/28/01	Yamada et al.						
	20 02 00 98 4 4 5	7/25/02	Harigaya et al.						
	20 02 01 82 3 6 5	12/5/02	Kamezaki et al.						
	6 5 0 3 5 9 2	1/7/03	Yamada et al.						

FOREIGN PATENT DOCUMENTS									
	Document Number	Date	Country	Class	Subclass	Translation			
						Yes	No		
<i>Jim</i> ↓ V	1 0 1 3 4 4 1 5	5/22/98	Japan						
	1 1 0 5 8 9 5 5	3/2/99	Japan						
	1 1 3 0 6 5 9 1	11/5/99	Japan						
	1 1 3 3 4 2 0 6	12/7/99	Japan						
	1 1 2 2 1 9 6 4	8/17/99	Japan						
	2 9 8 2 9 2 5	9/24/99	Japan						
	20 00 0 4 3 4 2 3	2/15/00	Japan						
	20 00 1 0 8 5 1 3	4/18/00	Japan						
	20 00 1 1 3 5 0 4	4/21/00	Japan						
	20 00 1 4 9 3 2 0	5/30/00	Japan						
	20 00 1 5 8 8 1 8	6/13/00	Japan						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER <i>S. J. Mulvaney</i>	DATE CONSIDERED <i>3-18-05</i>
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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate						
<i>TLH</i> ↓	20040027959	2/12/04	Sasa et al.									
	6741547	5/25/04	Tomura et al.									
	6762008	7/13/04	Satoh et al.									

FOREIGN PATENT DOCUMENTS												
Document Number	Date	Country	Class	Subclass	Translation							
					Yes	No						
<i>TLH</i> ↓	2001158865	6/12/01	Japan									
	2001181524	7/3/01	Japan									
	2001184647	7/6/01	Japan									
	2002025114	1/25/02	Japan									
	2002083445	3/22/02	Japan									
	2002334438	11/22/02	Japan									
	2002352428	12/6/02	Japan									
	2002352429	12/6/02	Japan									
↓	2002367182	12/20/02	Japan									

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

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